BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

MODIFIED SCHEDULE - B

Name of Work: Drilling of Bore well and Providing Pipeline in Ward No.11 (Kuvempunagara), Vidyaranyapura Sub Division.

Sl. No.	Approved Quantity	Description	Unit	Rates Quoated by Sri B. Chandrashekar	
				In Figures	In Words
1	4.00	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction	Each BW	3428.88	Rupees Three Thousand Four Hundred Twenty Eight And Paise Eighty Eight Only
2	200.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)	Rmtr	315.77	Rupees Three Hundred Fifteen And Paise Seventy Seven Only
3	200.00	50 to 100 m	Rmtr	402.22	Rupees Four Hundred Two And Paise Twenty Two Only
4	200.00	100 to 150 m	Rmtr	414.96	Rupees Four Hundred Fourteen And Paise Ninety Six Only
5	200.00	150 to 200 m	Rmtr	487.76	Rupees Four Hundred Eighty Seven And Paise Seventy Six Only
6	200.00	200 to 250 m	Rmtr	576.94	Rupees Five Hundred Seventy Six And Paise Ninety Four Only
7	200.00	250 to 300 m	Rmtr	637.00	Rupees Six Hundred Thirty Seven Only
8	200.00	300 to 350 m	Rmtr	750.75	Rupees Seven Hundred Fifty And Paise Seventy Five Only

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9	320.00	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty	Rmtr	1255.80	Rupees One Thousand Two Hundred Fifty Five And Paise Eighty Only
10	72.00	Providing 250mm dia PVC Pipe 6kg/cm	Rmtr	1001.00	Rupees One Thousand One Only
11	4.00	Providing and fixing Borewell Cap & Clamp Set	Set	1638.00	Rupees One Thousand Six Hundred Thirty Eight Only
12	3.00	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps	No	57783.18	Rupees Fifty Seven Thousand Seven Hundred Eighty Three And Paise Eighteen Only
13	1050.00	GI Pipe 50 mm'B' class	m	377.65	Rupees Three Hundred Seventy Seven And Paise Sixty Five Only
14	177.00	Heavy Duty Collar 50 mm dia	Nos	163.80	Rupees One Hundred Sixty Three And Paise Eighty Only
15	3.00	Providing non-return valve 50 mm	Nos	1638.00	Rupees One Thousand Six Hundred Thirty Eight Only
16	54.00	Providing Gate Valve 50 mm	Nos	1638.00	Rupees One Thousand Six Hundred Thirty Eight Only
17	3.00	Supplying and Fixing Out Door Panel up to 15 HP	No.	14105.00	Rupees Fourteen Thousand One Hundred Five Only
18	1920.00	Submersible Cable 1x3x6.0 Sq.mm	M	131.04	Rupees One Hundred Thirty One And Paise Four Only
19	162.00	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00)	Per Length	80.08	Rupees Eighty And Paise Eight Only

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Sl. No.	Approved Quantity	Description	Unit	Rates Quoated by Sri B. Chandrashekar	
				In Figures	In Words
20	3.00	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.,	Each	265.72	Rupees Two Hundred Sixty Five And Paise Seventy Two Only
21	105.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975GROUP-A **4 core 16 Sqmm**	Mtr	136.50	Rupees One Hundred Thirty Six And Paise Fifty Only
22	105.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. **(6Sqmm to 16 Sqmm)**	Mtr	10.81	Rupees Ten And Paise Eighty One Only
23	90.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.	Mtr	69.16	Rupees Sixty Nine And Paise Sixteen Only
24	12.00	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.	Mtr	304.85	Rupees Three Hundred Four And Paise Eighty Five Only
25	3.00	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No.	245.70	Rupees Two Hundred Forty Five And Paise Seventy Only
26	3.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	2729.73	Rupees Two Thousand Seven Hundred Twenty Nine And Paise Seventy Three Only
27	18.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No.	158.34	Rupees One Hundred Fifty Eight And Paise Thirty Four Only
28	3.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. **6-32Amps TPN**	No	1560.65	Rupees One Thousand Five Hundred Sixty And Paise Sixty Five Only
29	70200.00	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	0.32	Rupees And Paise Thirty Two Only

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Sl. No.	Approved Quantity	Description	Unit	Rates Quoated by Sri B. Chandrashekar	
				In Figures	In Words
30	121.50	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strata by Manual Means.	Cum	238.42	Rupees Two Hundred Thirty Eight And Paise Forty Two Only
	69.30	Qty above 125%	Cum	194.22	Rupees One Hundred Ninety Four And Paise Twenty Two Only
31	337.50	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc.,	Rmtr	188.37	Rupees One Hundred Eighty Eight And Paise Thirty Seven Only
	192.50	Qty above 125%	Rmtr	191.12	Rupees One Hundred Ninety One And Paise Twelve Only
32	40.05	Filling the foundations Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications.	cum	2931.42	Rupees Two Thousand Nine Hundred Thirty One And Paise Forty Two Only
	23.55	Qty above 125%	cum	2179.42	Rupees Two Thousand One Hundred Seventy Nine And Paise Forty Two Only
33	81.45	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including watering, consolidation in layers of 15 cm thick including disposing of the sunplus earth with a lead of 200 mtrs	Cum	93.73	Rupees Ninety Three And Paise Seventy Three Only
	20.31	Qty above 125%	Cum	93.74	Rupees Ninety Three And Paise Seventy Four Only
		EIRL			
E1	7.26	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	282.75	Rupees Two Hundred Eighty Two And Paise Seventy Five Only
E2	0.73	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	cum	5560.16	Rupees Five Thousand Five Hundred Sixty And Paise Sixteen Only

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Sl. No.	Approved Quantity	Description	Unit	Rates Quoated by Sri B. Chandrashekar	
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E3	3.06	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	5428.02	Rupees Five Thousand Four Hundred Twenty Eight And Paise Two Only
E4	4.80	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification.	sqm	238.26	Rupees Two Hundred Thirty Eight And Paise Twenty Six Only
E5	0.45	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregate	cum	5734.36	Rupees Five Thousand Seven Hundred Thirty Four And Paise Thirty Six Only
E6	4.84	Providing **precast slab of 230mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge - Data rate	Sqm	4584.17	Rupees Four Thousand Five Hundred Eighty Four And Paise Seventeen Only

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Byatarayanapura Division
BBMP, Bangalore.

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